

```

C = ROUTINE 1.
C =====

```

# PROGRAM STAT

```

C * PROGRAM TO APPEND A LINE OF INFORMATION ON A FILE
C * GEN-STATISTICS WHEN A SYSTEM IS GENERATED.
C * THE PROGRAM CALLS A SET OF SUBROUTINES FOR THIS
C * PURPOSE.
C * WHEN RETURNING FROM THE SUBROUTINES THE VARIABLE
C * ISTAT IS EITHER ZERO OR ONE.
C * - IF ISTAT=0
C * INFORMATION IS WRITTEN ON THE FILE
C * BATCH-JOBS TO GET LISTING OF SYSTEM
C * AND BATCH-OUTPUT-FILE IS APPENDED.
C * - IF ISTAT=1
C * ERROR HAS OCCURED, ERROR MESSAGES ARE
C * WRITTEN IN THE SUBROUTINES. THIS PROGRAM
C * THEN ABORTS THE SINTRAN-GENERATION
C *****

```

STAT-TEST854MB

+ DIU PROG

USER PRODUCTION-FAE

```

DOUBLE INTEGER MBTP
CHARACTER SEMAPH * 11
CHARACTER FINAM * 21
CHARACTER LISTFI * 11
CHARACTER BATOUT * 11
CHARACTER CPUNO * 8
CHARACTER OPMESS * 46

```

```

DATA FINAM          /'(AUX)GEN-STATISTICS '/
DATA OPMESS /'OPERATOR SYSTEM FOR          CAN BE DUMPED!'''/

```

```

C *****

```

```

LUN=10
LUNO=101B

```

```

C * OPEN THE LOGG-FILE

```

```

OPEN(LUN,ERR=500,FILE=FINAM,STATUS='OLD',ACCESS='WA')

```

```

C * GET INFORMATION AND WRITE ON THE FILE WITH LOGICAL-
C * NUMBER LUN.

```

```

CALL INFLIN(LUN,LUNO,SEMAPH,LISTFI,BATOUT,CPUNO,ISTAT)

```

```

C * TAKE ACTION DEPENDING OF THE VALUE OF ISTAT

```

```

IF(ISTAT.NE.0)GOTO 600

```

```

C *****
C * NO ERRORS DETECTED

```

```

CALL OUTCH(LUN,215B)
CALL OUTCH(LUN,12B)
CLOSE (UNIT=LUN)
CALL APPBA(LISTFI,SEMAPH)

```

```

C ***** MESSAGE SYSTEM CAN BE DUMPED *****

```

```

OPMESS(21:28)=CPUNO
CALL COMND(OPMESS)

```

```

C *****

```

```

CALL LEAVE

```

```

C * ERROR MESSAGE FROM OPEN-FILE

```

```

500  IERR=ERRCODE
      WRITE(1,1000)FINAM
      WRITE(1,2000)IERR
      CALL MON64(IERR)
      GOTO 900

```

```

C * ERROR IN SUBROUTINES , ABORT CURRENT JOB.

```

```

600  CLOSE (UNIT=LUN)

```

```

C *****
C * ERROR TERMINATION

```

```

C * EMPTY LISTFILE AND COPY PRESENT BATCH-OUT-FILE TO L-P

```

```

900  CALL ABBAT(LISTFI,SEMAPH)

```

```

RELEASE SEMAPHORE-FILE

```

CALL SEMOFF(SEMAPH,0)

C \* MESSAGE TO OPERATOR

CALL COMND('OPERATOR ### BATCH JOB ABORTED ###')

1000 FORMAT(/,1H ,\*ERROR IN OPENING FILE : \*,A)

2000 FORMAT(1H ,\*ERROR CODE : \*,Z3,/) )

END

EOF